



## Pro-Designer Ver. 4.2

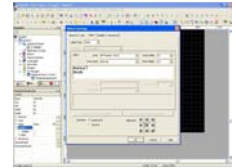
### Factory Automation / Process Automation

#### What is Pro-Designer software?

Pro-Designer is Human Machine Interface (HMI) project creation software.

Projects created in Pro-Designer can be run on a variety of operator interfaces and computers, and in a variety of environments - depending on your needs.

With Pro-Designer, you can create advanced screen displays with functional graphics and animations that meet all your requirements - from the simplest to the most complex. And Pro-Designer's unique approach to HMI design and implementation reduces programming tasks to a minimum.

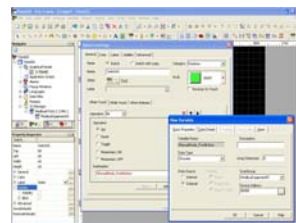


## FEATURES

- Offline Development Environment
  - Standard HMI Features:
    - Button, lamps, meters, and graphics
    - Recipes
    - Alarming
    - Trending: real time and historical
    - Popup keypads
    - Extensive symbol library
    - Graphic file import: BMP, JPG, EMF, PNG, and Pro-face graphics format DPD
  - Advanced HMI Features:
    - Simultaneous multi-protocol support
    - Multi-platform support
    - Data sharing between units over Ethernet with ease<sup>1</sup>
    - Download via Ethernet, serial port, or CompactFlash<sup>TM</sup> <sup>1</sup>
    - Remote monitoring via optional Pro-eView software<sup>1</sup>
    - Java-based scripting
    - Wide range of animations
    - Simultaneous support of multiple languages at runtime
    - Sound output<sup>1</sup> with .WAV and .DAF import
    - Printing<sup>1</sup>
    - Bar code reader support
    - Real-time simulation on development PC, including variable data values
- <sup>1</sup> Please check documentation for supported hardware.

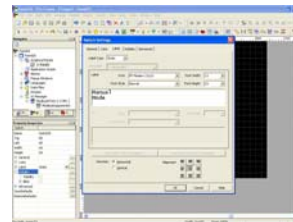
## 4 EASY STEPS TO CREATE A PROJECT

**STEP 1:** Choose your target hardware and configure the drivers via a wizard



**STEP 2:** Configure variables and application properties

**STEP 3:** Configure screens, set up scripts, choose features



**STEP 4:** Build and download your application

## PRO-eVIEW OPTIONAL REMOTE MONITORING



Remote PC with Internet Explorer<sup>TM</sup> and Java2<sup>TM</sup>

Ethernet



Serve web pages directly from GP, PC or Factory Gateway (FGW) with Pro-Designer and Pro-eView

Serve screens as web pages directly from Pro-Designer runtime unit.

- Works with Pro-Designer targets that support Ethernet
- To perform remote monitoring, the client PC only needs Microsoft<sup>®</sup> Internet Explorer<sup>™</sup> and Sun Microsystems Java2<sup>™</sup> Runtime Environment.
- No additional development software needed. Use the Pro-Designer development environment to choose which screens are published.

## DEVELOPMENT AND RUNTIME REQUIREMENTS

	Pro-Designer (Development Environment):	Pro-Designer Runtime (Runtime Environment):	
<b>Platform:</b>	PC/AT	PC/AT	GP2x00, GP2x01, GP2x01H, GP37W3B, Factory Gateway (FGW) Note: Refer to user documentation for supported hardware revisions.
<b>CPU:</b>	Intel® Pentium® II 400 MHz or faster (Pentium III 1 GHz or faster recommended)		n/a
<b>Memory:</b>	128 MB RAM (512 MB or higher recommended)		n/a
<b>Available Disk Space:</b>	400 MB or more on hard disk	200 MB or more on hard disk	n/a
<b>Operating System:</b>	Windows® 2000 or Windows XP® (English, French, German, Italian, Spanish, Japanese, Simplified Chinese, Traditional Chinese, or Korean)		n/a
<b>Web Browser:</b>	Microsoft® Internet Explorer™ 5.0 or higher	n/a	n/a

## SUPPORTED PROTOCOLS

### Rockwell Automation, Inc.

- DF1 Full Duplex
- Ethernet/IP (Tag based addressing)
- Ethernet/IP

### Schneider Electric Industries SAS

- Uni-Telway
- Modbus (RTU, Master Slave) (SIO)
- Modbus TCP/IP (Master or Slave)
- Modbus Plus

### Mitsubishi Electric Corp.

- Melsec-A CPU (SIO)
- Melsec-A Link (SIO)
- Melsec-Fx (CPU)
- Melsec-Q CPU (SIO)
- Melsec-Q Link (SIO)

- Melsec-QnA CPU (SIO)
- Melsec-A Ethernet (TCP)
- Melsec-Q Ethernet (TCP)
- Melsec-Q Ethernet (UDP)
- Mitsubishi FREQROL

### Omron Corp.

- Sysmac Link (SIO)
- Sysmac FINS (SIO)
- Sysmac FINS (Ethernet)

### Yaskawa Electric Corp.

- MP900 (SIO)

### Sharp Mfg. Systems Corp.

- Sharp JW Link (SIO)

### Yokogawa Electric Corp.

- FA-M3 Link (SIO)
- FA-M3 Ethernet (TCP)
- FA-M3 Ethernet (UDP)

### Toshiba Corp.

- PROSEC T-Series (SIO)

### Toyoda Machine Works, Ltd.

- Toyopuc Link (SIO)
- Toyopuc Ethernet PC3J (TCP/IP)

### Keyence Corp.

- Keyence KV-700 CPU Direct

### Siemens AG

- MPI Direct
- MPI Adapter

- RK512/3964R
- S7 TCP/IP

### Bosch Rexroth AG

- Indramat ELC/CLM

### Generic Drivers

- Memory Link (SIO)
- Barcode Scanner (SIO)
- Barcode Scanner (USB-SIO)
- Barcode Scanner (USB)
- Script Driver

See documentation for supported CPU types.

## ORDERING INFORMATION

ORDERNUMBER	DESCRIPTION	ORDERNUMBER	DESCRIPTION
PS-DWE01-V42	Pro-Designer Development Software V4.2	PS-EPR01	Pro-eView RuntimeLicense (GP2000/GP2001/FGW)
PS-DCR01*	Pro-Designer Runtime License (PC/AT)	PS-ECR01*	Pro-eView Runtime License (PC/AT)

### Xycom Touchscreen PC Bundled Runtime Licenses\*

Pro-Designer Runtime License and Pro-eView Runtime License can be ordered bundled with a Xycom Touchscreen PC. Contact your Xycom sales representative for details.

\*For touchscreen units only. Note: No Runtime License needed for GP or Factory Gateway.

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DS-380040(A)



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